

ABSTRACT OF THE DISCLOSURE

Methods of identifying compounds that inhibit the biological persistence of a Clostridial toxin are disclosed. Methods of identifying compounds that inhibit the enzymatic activity of Clostridial toxin are disclosed. Methods of identifying compounds that inhibit both the biological persistence and enzymatic activity of a Clostridial toxin are disclosed. Methods of identifying compounds that enhance the biological persistence of a Clostridial toxin are disclosed. Methods of identifying compounds that enhance the enzymatic activity of Clostridial toxin are disclosed. Methods of identifying compounds that enhance both the biological persistence and enzymatic activity of a Clostridial toxin are disclosed.